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(54) Title: (PURIN-6-YL) AMINO ACID AND PRODUCTION METHOD THEREOF

(57) Abstract: The invention provides a synthetic method of (purin-6-yl)amino acids which are useful as medicaments of anticancer, anti-virus agents and so on or their intermediates. Methyl (R, S)-3-[4-(9-benzylpurin-6-yl) phenyl]-2-[(t-butoxycarbonyl) amino] propanoate is produced by making 9-benzyl-6-iodopurine react with methyl (R, S)-2-[(t-butoxycarbonyl) amino]-3-[4-(trimethylstananyl) phenyl] propionate in the presence of Pd₂dba₃, triphenylarsine and copper iodide.

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